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TITLE: COMPLEX COMMUNICATION TERMINAL EQUIPMENT
CONNECTED TO
ANALOG SUBSCRIBER'S LINE

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ABSTRACT:

PURPOSE: To communicate a voice signal and a data signal simultaneously through one piece of analog subscriber's line by using the effective frequency band of a telephone communication network by frequency-dividing the band into a data signal and a voice signal.

CONSTITUTION: The titled equipment 3 is connected to an analog subscriber's line 2 contained by a telephone exchange 1. A data terminal function part 5, a telephone which is a transmitter/receiver 7 for voice communication, and a data

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terminal function part 9 are connected to the analog subscriber's line 2 in parallel with each other respectively via a 300∼500Hz-BPF 4, a 500∼3000 Hz-BPF 6, and a 3000∼3400Hz-BPF 8. Accordingly, between subscribers having the terminal equipment 3, a voice communication is available in three kinds of ways which are: between respective transmitter/receivers 7 in 500∼3000Hz, between respective function parts 5 in 300∼500Hz, and between respective function parts 9 in 3000∼3400Hz.

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